

| Ref # | Hits | Search Query  | DBs             | Default Operator | Plurals | Time Stamp       |
|-------|------|---|-----------------|------------------|---------|------------------|
| L1    | 2377 | TOPAS "5013"  | US-PGPUB; USPAT | OR               | ON      | 2005/02/03 11:19 |
| L2    | 0    | "TOPAS 5013" with waveguide with cladding   | US-PGPUB; USPAT | OR               | ON      | 2005/02/03 11:20 |
| L3    | 1    | "TOPAS 5013" same waveguide same cladding   | US-PGPUB; USPAT | OR               | ON      | 2005/02/03 11:20 |
| L4    | 1    | "TOPAS" same waveguide same cladding  | US-PGPUB; USPAT | OR               | ON      | 2005/02/03 11:21 |
| L5    | 5    | "TOPAS" and waveguide and cladding  | US-PGPUB; USPAT | OR               | ON      | 2005/02/03 11:56 |
| L6    | 1    | f adj3 mCOC and waveguide   | US-PGPUB; USPAT | OR               | ON      | 2005/02/03 11:57 |
| L7    | 6    | mCOC and waveguide  | US-PGPUB; USPAT | OR               | ON      | 2005/02/03 11:59 |
| L8    | 0    | (metallocene with cyclo adj3 olefin with copolymer) and waveguide                                       | US-PGPUB; USPAT | OR               | ON      | 2005/02/03 11:59 |
| L9    | 17   | (metallocene with cycloolefin with copolymer) and waveguide   | US-PGPUB; USPAT | OR               | ON      | 2005/02/03 12:00 |
| L10   | 1    | (metallocene with cycloolefin with copolymer) same cladding   | US-PGPUB; USPAT | OR               | ON      | 2005/02/03 12:00 |
| L11   | 17   | (metallocene with cycloolefin with copolymer) and waveguide   | US-PGPUB; USPAT | OR               | ON      | 2005/02/03 12:10 |
| L12   | 1    | (functional with metallocene with cycloolefin with copolymer) and waveguide                             | US-PGPUB; USPAT | OR               | ON      | 2005/02/03 12:14 |
| L13   | 57   | (ethylene with norbornene metallocene with catal\$5) and waveguide                                      | US-PGPUB; USPAT | OR               | ON      | 2005/02/03 14:36 |
| L14   | 1    | ("20020091991").PN.   | US-PGPUB; USPAT | OR               | OFF     | 2005/02/03 14:36 |
| L16   | 989  | 385/142-144.ccls.   | US-PGPUB; USPAT | OR               | ON      | 2005/02/03 14:51 |
| L17   | 2    | 385/142-144.ccls. and metallocene   | US-PGPUB; USPAT | OR               | ON      | 2005/02/03 14:51 |
| S1    | 2    | "385"/\$.ccls. and ((metallocene with cycloolefin with copolymer) or (f adj3 mCOC))                     | US-PGPUB; USPAT | OR               | ON      | 2005/02/02 16:21 |
| S2    | 2    | ("385"/\$.ccls. or "398"/\$.ccls.) and ((metallocene with cycloolefin with copolymer) or (f adj3 mCOC)) | US-PGPUB; USPAT | OR               | ON      | 2005/02/02 16:30 |
| S3    | 111  | ((metallocene with cycloolefin with copolymer) or (f adj3 mCOC))  | US-PGPUB; USPAT | OR               | ON      | 2005/02/02 16:41 |
| S4    | 17   | ((metallocene with cycloolefin with copolymer) or (f adj3 mCOC)) and waveguide                          | US-PGPUB; USPAT | OR               | ON      | 2005/02/02 16:38 |

|     |    |   |                 |    |    |                  |
|-----|----|---|-----------------|----|----|------------------|
| S5  | 1  | ((functional with metallocene with cycloolefin with copolymer) or (f adj3 mCOC)) and waveguide  | US-PGPUB; USPAT | OR | ON | 2005/02/02 16:36 |
| S6  | 48 | mCOC  | US-PGPUB; USPAT | OR | ON | 2005/02/02 16:36 |
| S7  | 6  | mCOC and waveguide  | US-PGPUB; USPAT | OR | ON | 2005/02/02 16:37 |
| S8  | 1  | mCOC with waveguide   | US-PGPUB; USPAT | OR | ON | 2005/02/02 16:37 |
| S9  | 3  | S4 and cladding and core  | US-PGPUB; USPAT | OR | ON | 2005/02/02 16:38 |
| S10 | 3  | ((metallocene with cycloolefin with copolymer) or (f adj3 mCOC)) and (mCOC)                     | US-PGPUB; USPAT | OR | ON | 2005/02/02 16:42 |
| S11 | 0  | ((metallocene with cycloolefin with copolymer) or (f adj3 mCOC)) and (mCOC) and wave adj3 guide | US-PGPUB; USPAT | OR | ON | 2005/02/02 16:43 |
| S12 | 1  | ((metallocene with cycloolefin with copolymer) or (f adj3 mCOC)) and (mCOC) and waveguide       | US-PGPUB; USPAT | OR | ON | 2005/02/02 16:43 |
| S13 | 1  | ((metallocene with cycloolefin with copolymer) or (f adj3 mCOC)) and (mCOC) and fiber           | US-PGPUB; USPAT | OR | ON | 2005/02/02 16:43 |
| S14 | 7  | ((metallocene with cycloolefin with copolymer) or (COC)) and waveguide and cladding and core    | US-PGPUB; USPAT | OR | ON | 2005/02/02 16:44 |
| S15 | 3  | ((metallocene with cycloolefin with copolymer) or (COC)) same waveguide same cladding same core | US-PGPUB; USPAT | OR | ON | 2005/02/02 16:47 |
| S16 | 9  | (APEL or ARTON or ZEONEX) with waveguide  | US-PGPUB; USPAT | OR | ON | 2005/02/03 11:19 |